

Xiaofang Wang | Publication complète

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French work permit

Revue internationale

- Large Scale Semi-supervised Object Detection Using Visual and Semantic Knowledge Transfer. Yuxing Tang, Josiah Wang, **Xiaofang Wang**, Boyang Gao, Emmanuel Delandrea, and Liming Chen. **IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)**.
- A Unified Framework for Interactive Image Segmentation via Fisher Rules. Lingkun Luo, **Xiaofang Wang**, Shiqiang Hu, Xing Hu, Huanlong Zhang, Yaohua Liu
Accepted by The Visual Computing, 2018
- Automatic liver segmentation from abdominal CT volumes using graph cuts and border marching.
Qing Yang, Miao Liao, Yezhan Zeng, Zou Beiji, **Xiaofang Wang**.
Computer Methods and Programs in Biomedicine
- Weakly Supervised Learning of Deformable Part-Based Models for Object Detection via Region Proposals.
Yuxing Tang, **Xiaofang Wang**, Emmanuel Dellandréa, Liming Chen.
Accepted by **IEEE Transactions on Multimedia (TMM)**.
Impact factor : 2.536
- Interactive Image Segmentation Based on Samples Reconstruction and FLDA
Lingkun Luo, **Xiaofang Wang**, Xin Hu, shiqiang hu, Liming Chen.
Accepted by **Journal of Visual Communication and Image Representation (JVCI)**
Impact factor : 1.530
- Active Colloids Segmentation and Tracking.
Xiaofang Wang, Boyang Gao, Simon Masnou, Liming Chen, Isaac Theurkauff, Cécile Cottin-Bizonne, Yuqian Zhao, Frank Shih.
Pattern Recognition(PR) vol.60, pp. 177-188,2016
Impact factor : 3.399

- Liver Vessel Segmentation Based on Extreme Learning Machine
Yezhan Zeng, Yuqian Zhao, Miao Liao, Beiji Zoub, **Xiaofang Wang**, Wei Wang.
Physica Medica Vol 32(5), pp.709–716, 2016.
Impact factor : 1.763
- A Global/Local Affinity Graph for Image Segmentation.
Xiaofang Wang, Yuxing Tang, Simon Masnou, Liming Chen.
IEEE Transactions on Image Processing (TIP), vol. 24(4), pp.1399-1411, 2015.
Impact factor : 3.735
- Retinal vessels segmentation based on level set and region growing.
Yu Qian Zhao, Xiao Hong Wang, **Xiaofang Wang**, Frank Y Shih.
Pattern Recognition(PR) vol.47(7), pp. 2437-2446,2014.
Impact factor : 3.399
- Level-set Method Based On Global and Local Regions For Image Segmentation
Yuqian Zhao, **Xiaofang Wang**, Frank Y.Shih, Gang Yu.
International Journal of Pattern Recognition and Artificial Intelligence (IJPRAI),
vol. 26(01), 2013.
Impact factor : 1.24

Conférence internationale

- Developmental Bayesian Optimization of Black-Box with Visual Similarity-Based Transfer Learning.
Maxime Petit, Amaury Depierre, **Xiaofang Wang**, Emmanuel Dellandrea, and Liming Chen.
IEEE International Conference on Development and Learning (ICDL) and the International Conference on Epigenetic Robotics (EpiRob), 2018, Tokyo.
- Fusing Generic Objectness and Deformable Part-based Models for Weakly Supervised Object Detection.
Yuxing Tang, **Xiaofang Wang**, Emmanuel Dellandréa, Simon Masnou, Liming Chen
IEEE International Conference on Image Processing (ICIP), Paris, 2014. **(Top 10%)**
- A graph-cut approach to image segmentation using an affinity graph based on \mathcal{L}_0 -sparse representation of features.
Xiaofang Wang, Huibin Li, Charles-edmond Bichot, Simon Masnou, Liming Chen.
IEEE International Conference on Image Processing (ICIP), 2013. **(Top 10%)**
- Graph-based image segmentation using weighted color patch.
Xiaofang Wang, Chao Zhu, Charles-edmond Bichot, Simon Masnou.

IEEE International Conference on Image Processing (ICIP), 2013.

- Sparse Coding and Mid-Level Superpixel-Feature for \mathcal{L}_0 -Graph Based Unsupervised Image Segmentation.
Xiaofang Wang, Huibin Li, Simon Masnou, Liming Chen
Computer Analysis of Images and Patterns. Springer Berlin Heidelberg (CAIP), 2013.
- An Improved Non-local Cost Aggregation Method For Stereo Matching Based on Color and Boundary Cue.
Dongming Chen, Mohsen Ardabilian, **Xiaofang Wang**, Liming Chen.
IEEE International Conference on Multimedia and Expo (ICME), 2013.
- Research Advances and Prospects of Mathematical Morphology in Image Processing.
Zijuan Yu, Yuqian Zhao, **Xiaofang Wang**. **IEEE Conference on Cybernetics and Intelligent Systems, 2008.**

Revue chinoise

- Liver CT image segmentation based on prior shape CV model.
Xiaofang Wang, Yuqian Zhao.
Jornal of optoelectronics and laser, vol.21(6), pp.953-956., 2010.
- Liver image segmentation based on multi-scale and multi-structure elements.
Yuqian Zhao, **Xiaofang Wang**, Guiyuan Li. **Jornal of optoelectronics and laser**, vol.4, 2009.
- Study on automatic kidneys segmentation from abdominal CT images. Jie Zhou, Yuqian Zhao, **Xiaofang Wang**.
Application research of computers, vol 27(4), 2010.

Revue sous revue

- Close Yet Distinctive Domain Adaptation.
Lingkun Luo, **Xiaofang Wang**, Shiqiang Hu, Chao Wang, Yuxing Tang, Liming Chen.
(First and second author contribute equally)
International Joint Conference on Artificial Intelligence (IJCAI), 2007. Submitted.